

ABSTRACT OF THE DISCLOSURE

An active matrix substrate of a channel protection type having a gate electrode, a drain electrode and a pixel electrode
5 isolated from one another from layer to layer by insulating films. The active matrix substrate is to be prepared by four masks. A gate electrode layer, a gate insulating film and an a-Si layer are processed to the same shape on a transparent insulating substrate to form a gate electrode layer (102 of Fig. 6) and a
10 TFF area. A drain electrode layer (106 of Fig. 6) is formed by a first passivation film (105 of Fig. 6) via a first passivation film (105 of Fig. 6) formed as an upper layer. In a second passivation film (107 of Fig. 6) formed above it are bored an opening through the first and second passivation films and an
15 opening through the second passivation film. A wiring connection layer is formed by ITO (108 of Fig. 6) provided as an uppermost layer. A storage capacitance unit, comprised of the first and second passivation films sandwiched between the gate electrode and an electrode layer formed as a co-layer with
20 respect to the gate electrode, is provided in the pixel electrode.